

Red Delicious apples were classified into two categories of strains. The stripe strains accounted for 50,200 acres, a decrease of 32 percent from 1993. The blush strains accounted for 31,800 acres, a decline of 13 percent.

Major stripe strains with decreases from 1993 were Oregon Spur (-62%), Redchief (-20%), Starking (-91%), and Top Red (-61%). Blush strains showed similar changes from 1993 with Bisbee (-45%) and Redspur

(-57%), however; Scarlet Spur more than doubled from the 1993 level of 6,050 acres to 16,350 acres.

The density of the Red Delicious apples increased sharply. The average trees per acre increased from 210 to 279 since January 1, 1993. As older blocks are removed with the traditional spacing patterns, the remaining newer plantings reflect higher densities.

Red Delicious Acres & Trees, by Strain, Washington, January 1, 1993 & 2001

Strain	January 1, 1993			January 1, 2001		
	Acres	Trees	Trees/Acre	Acres	Trees	Trees/Acre
Ace	3,600	1,466,000	407	3,650	1,585,000	434
Anderson	-	-	-	500	151,000	302
Classic	200	44,000	220	200	36,000	180
Early Red One	-	-	-	200	48,000	240
Earlistripe	-	-	-	350	86,000	246
Elite	100	26,000	260	200	100,000	500
Hi-Early	2,750	369,000	134	250	49,000	196
Imperial	300	57,000	190	450	201,000	447
It	-	-	-	700	319,000	456
Oregon Spur	22,400	4,580,000	204	8,600	1,898,000	221
Oregon Spur II	-	-	-	3,100	733,000	236
Redchief	26,900	5,990,000	223	21,650	5,783,000	267
Ryanspur	1,300	321,000	247	650	127,000	195
Silver Spur	650	149,000	229	550	122,000	222
Starking	4,650	632,000	136	400	70,000	175
Super Chief	-	-	-	850	242,000	285
Top Red	7,650	1,219,000	159	3,000	544,000	181
Vallespur	-	-	-	3,150	1,249,000	397
Washington Spur	-	-	-	1,300	501,000	385
Other Stripe	2,900	789,000	272	450	93,000	207
Total Stripe	73,400	15,642,000	213	50,200	13,937,000	278
Atwood	1,250	269,000	215	850	176,000	207
Bisbee	12,900	2,279,000	177	7,100	1,271,000	179
Chelan	700	131,000	187	250	45,000	180
Hardi-Brite Spur	350	66,000	189	-	-	-
Hardi-Spur	650	132,000	203	500	110,000	220
Morgan Spur	-	-	-	850	345,000	406
Redspur	7,600	1,488,000	196	3,300	689,000	209
Royal	100	17,000	170	250	63,000	252
Royal Red	100	14,000	140	-	-	-
Ryan/Ryanred	2,550	609,000	239	300	87,000	290
Scarlet Spur	6,050	1,532,000	253	16,350	5,575,000	341
Wellspur	-	-	-	800	160,000	200
Other Blush	4,350	941,000	216	1,250	442,000	354
Total Blush	36,600	7,478,000	204	31,800	8,963,000	282
Total Red Del.	110,000	23,120,000	210	82,000	22,900,000	279

- Not estimated or combined with other strains.

Apple Acreage and Trees, by Variety, Washington, January 1, 1993 & 2001

Variety	January 1, 1993			January 1, 2001		
	Acres	Trees	Trees/Acre	Acres	Trees	Trees/Acre
Red Delicious	110,000	23,120,000	210	82,000	22,900,000	279
Gala	5,900	2,717,000	461	25,500	13,809,000	542
Braeburn	3,300	1,599,000	485	6,100	3,080,000	505
Cameo	-	-	-	3,200	1,790,000	559
Fuji	11,100	6,102,000	550	24,400	14,423,000	591
Ginger Gold	-	-	-	1,600	878,000	549
Golden Delicious	23,300	4,419,000	190	22,700	5,554,000	245
Granny Smith	8,500	4,522,000	532	17,600	8,812,000	501
Honeycrisp	-	-	-	300	166,000	553
Jonagold	1,700	765,000	450	2,400	1,193,000	497
Pink Lady	-	-	-	3,300	1,644,000	498
Rome	3,800	869,000	229	1,300	305,000	235
Winesap	1,100	149,000	135	200	31,000	155
Other Varieties	3,300	738,000	224	1,400	515,000	368
TOTAL	172,000	45,000,000	262	192,000	75,100,000	391

- Not estimated or combined with other varieties.

The shift to newer varieties also reflects higher density plantings, with the average trees per acre at 262 for January 1, 1993, compared with 391 for 2001. The shift in varieties shows a sharp increase in Gala, Braeburn, Cameo, Fuji, Granny Smith, and Pink Lady. Golden Delicious apples declined slightly, with Rome and Winesap dropping sharply.

Gala increased sharply in popularity, going from 5,900 acres in 1993 to 25,500 acres in 2001. The strain of Gala was requested in the survey, and Royal, Imperial, Crimson, Galaxy, Pacific, and Gale were the leading strains in descending order. These six strains account for 21,100 acres or 83 percent of the total Gala acreage.

Gala Acres and Trees, by Strain, Washington, January 1, 2001

Strain	Acres	Trees	Tree/Acre
Brookfield	400	255,000	638
Buckeye	550	493,000	896
Crimson	3,700	2,291,000	619
Gale	1,600	801,000	501
Galaxy	2,100	1,052,000	501
Go-Red	450	228,000	507
Imperial	4,350	2,490,000	572
Standard	100	54,000	540
Pacific	1,750	938,000	536
Royal	7,600	3,590,000	472
Treco #42	450	247,000	549
Scarlet	750	353,000	471
Ultra	900	462,000	513
Supreme	100	35,000	350
Other Gala	700	520,000	743
TOTAL	25,500	13,809,000	542